

Parachors of trialkylmethylsilanes

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Abstract

1. Trihexylmethyl-, methyltrioctyl-, tridecylmethyl-silanes] which have not been described previously in the literature, were synthesized. 2. Parachors were determined for 2 series of trialkylmethylsilanes, ranging from triethyl- to tridecyl-methyl-silanes. 3. The parachor data indicate that trialkylmethylsilanes probably have extended structures in which two chains lie parallel, similar to the structure (also derived from parachor data) of orthopropionic esters, in which there is also an absence of any kind of polarity in the central atom. © 1955 Consultants Bureau, Inc.

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